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NOMENCLATURAL NOTES ON *DINEBRA*, *DIPLACHNE*, *DISAKISPERMA* AND *LEPTOCHLOA* (POACEAE: CHLORIDOIDEAE)

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ABSTRACT

This paper provides several nomenclatural modifications based on a recent molecular study of *Leptochloa*. One generic transfer and four new varietal combinations are proposed for *Dinebra* Jacq. One orthographic correction and three new varietal combinations are provided in *Diplachne* P. Beauv. Two corrections are made for the specific epithets of *Disakisperma*. One orthographic correction is provided for *Leptochloa*.

KEY WORDS: Chloridoideae, *Dinebra*, *Diplachne*, *Disakisperma*, *Leptochloa*, nomenclature, Poaceae

A recent study proposed splitting the grass genus *Leptochloa* P. Beauv. into five genera, based on molecular data from five plastid markers and the nuclear ITS regions (Peterson et al. 2012). The present paper corrects some orthographic errors in Peterson et al. (2012) for *Diplachne*, *Disakisperma*, and *Leptochloa* and proposes new combinations in *Dinebra* and *Diplachne*.

Dinebra decipiens var. **asthenes** (Roem. & Schult.) P.M. Peterson & N. Snow, comb. nov. Basionym: *Poa asthenes* Roem. & Schult., Syst. Veg. 2: 574. 1817.

Dinebra decipiens var. **peacockii** (Maiden & Betche) P.M. Peterson & N. Snow, comb. nov. Basionym: *Diplachne peacockii* Maiden & Betche, Agric. Gaz. New South Wales 15: 925. 1904.

Dinebra divaricatissima (Blake) P.M. Peterson & N. Snow, comb. nov. Basionym: *Leptochloa divaricatissima* Blake, Contrib. Queensl. Herb. 14: 8. 1972. This combination was not made in Peterson et al. (2012) but we feel the species is sufficiently similar in overall morphology to confidently place in *Dinebra*, given the wide taxonomic sampling of that study and previous monographic work (Snow 1997).

Dinebra panicea var. **brachiata** (Steud.) P.M. Peterson & N. Snow, comb. nov. Basionym: *Leptochloa brachiata* Steud., Syn Pl. Glumac. 1: 209. 1854.

Dinebra panicea var. **mucronata** (Michx.) P.M. Peterson & N. Snow, comb. nov. Basionym: *Eleusine mucronata* Michx., Fl. Bor.-Amer. 1: 65. 1803.

Diplachne fusca subsp. *fascicularis* (Lam.) P.M. Peterson & N. Snow, Ann. Bot. 109: 1327, an orthographic correction for the incorrectly formed epithet *fasciculata*. Basionym: *Festuca fascicularis* Lam., Tabl. Encycl. 1: 189. 1791.

Diplachne fusca var. **fascicularis** (Lam.). P.M. Peterson & N. Snow, comb. nov. Basionym: *Festuca fascicularis* Lam., Tabl. Encycl. 1: 189. 1791.

Diplachne fusca var. **muelleri** (Benth.) P.M. Peterson & N. Snow, comb. nov. Basionym: *Diplachne muelleri* Benth., Fl. Austral. 7: 619. 1878.

Diplachne fusca var. **uninervia** (J. Presl) P.M. Peterson & N. Snow, comb. nov. Basionym: *Megastachya uninervia* J. Presl, Reliq. Haenk. 1(4-5): 283. 1830.

Disakisperma dubium (Kunth) P.M. Peterson & N. Snow, Ann. Bot. 109: 1327, an orthographic correction from *dubia* to accommodate the neuter generic name.

Disakisperma obtusiflorum (Kunth) P.M. Peterson & N. Snow, Ann. Bot. 109: 1327, an orthographic correction from *obtusiflora* to accommodate the neuter generic name.

Leptochloa crinita (Lag.) P.M. Peterson & N. Snow, Ann. Bot. 109: 1327, an orthographic correction for the incorrectly published epithet *crinata* (Peterson et al. 2012: 1327).

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LITERATURE CITED

Peterson, P.M., K. Romaschenko, N. Snow, and G. Johnson. 2012. A molecular phylogeny of *Leptochloa* (Poaceae: Chloridoideae: Chlorideae). Ann. Bot. 109: 1317–1329.

Snow, N. 1997. Phylogeny and systematics of *Leptochloa* P. Beauv. sensu lato (Poaceae, Chloridoideae). Ph.D. dissertation, Washington University, St. Louis.